

SDCS-ER-77-134

① LEVEL II
SC

ADA064200

SPECIAL DATA COLLECTION SYSTEM (SDCS)
NTS Event "MARSILLY", 05 April 1977

G. R. Naylor & M. S. Dawkins

Alexandria Laboratories

Teledyne Geotech, 314 Montgomery Street, Alexandria, Virginia 22314

December 1978

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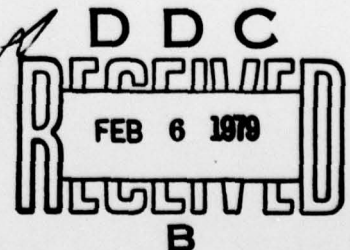
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		

SDAC Event Report No. 134

NTS Event "MARSILLY", 05 April 1977

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is:

	"P" Arrival	Origin Time	Latitude	Longitude	m_b	M_s
LASA	15:02:53.1	Origin time and location not published.			6.0	N/A
NORSAR	No bulletin published.					
Hagfors	Negative					
SDAC/VELA		15:00:02.0	37.1M	115.8W	5.6	N/A

All SDCS stations were operational during this time period. RK-ON data were retrieved from the digital field tapes, and HN-ME data are from the analog back-up system. Both stations recorded positive short- and long-period signals. Horizontal channels were rotated. OB2NV clipped, and the other Nevada stations were in the process of moving to a new site.

There were no tapes recorded from the SDAC/VELA detection processor for this time period; therefore, no waveforms are available from LASA or NORSAR.

LASA data are reported from the LASA Data Center Teleseismic Report; SDAC/VELA data are from their summary.

Scaling factors on plots are millimicrons at 1 Hz for SP and 0.04 Hz for LP (not corrected for instrument response).

ACCESSION for	
NTIS	Write Section <input checked="" type="checkbox"/>
DDC	Buff Section <input type="checkbox"/>
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JUSTIFICATION	
BY	
DISTRIBUTION/AVAILABILITY CODES	
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STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
OB2NV	Nevada Test Site	37 13 31.0 N 116 03 28.0 W		18300	N/A
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H

PREDA -- TRAVEL TIME PREDICTIONS --

05APR INPUT FOR EVENT 5 APR 77
 15:00:00.0 37.000N 116.000W 0KM.

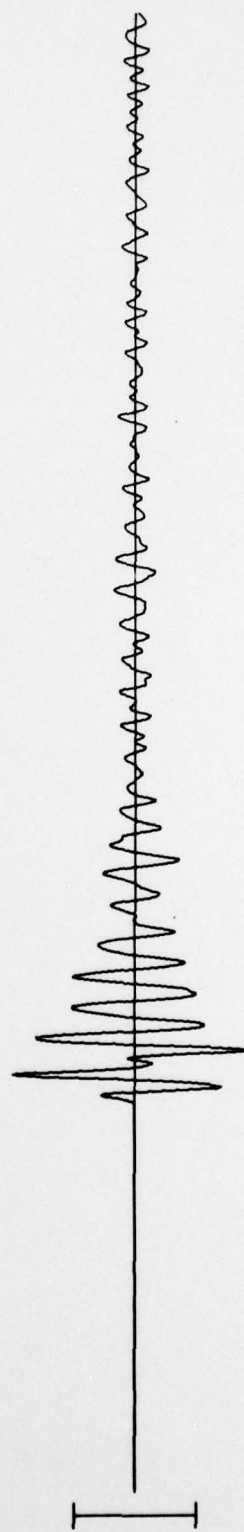
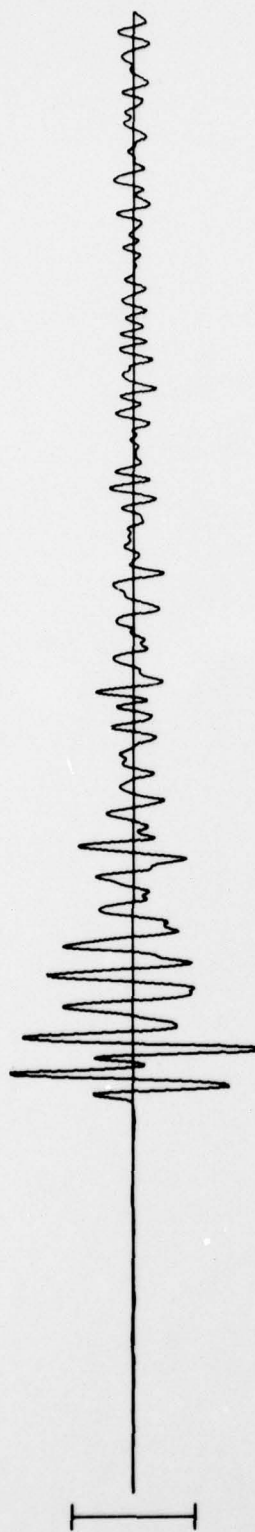
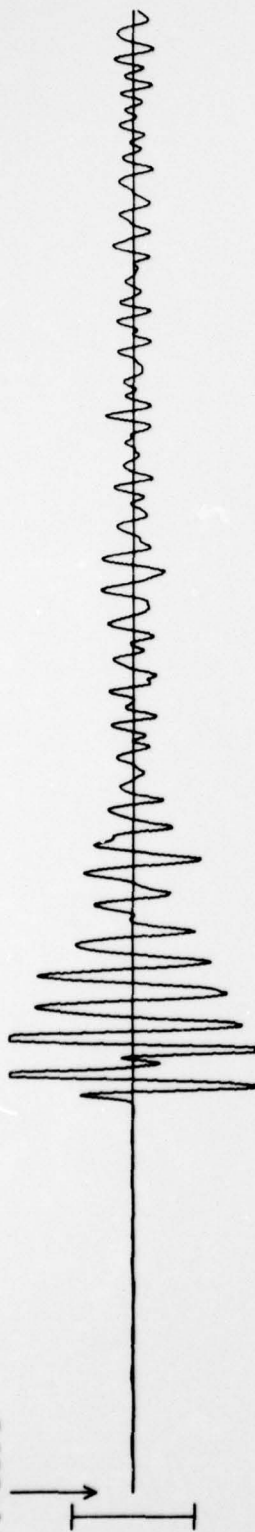
STA.		TIME	SURF(CKM.) TRAV.TIME	DIST		AZI	
				DEG.	KM.	EVT-STA	STA-EVT
OB2NV	P	15 00 04.3	0:04.3	0.23	25.4909	348.443	168.408
LAO	P	15 02 52.8	2:52.8	12.11	1346.3806	33.872	220.403
RK-ON	P	15 04 45.4	4:45.4	21.10	2346.6204	41.990	237.640
HN-ME	P	15 07 06.8	7:06.8	36.58	4067.1921	60.108	273.026
NAO	P	15 11 32.3	11:32.3	73.31	8151.6133	24.170	318.013
HPS	P	15 11 40.7	11:40.7	74.76	8312.8984	23.524	320.323

67 HERRIN TRAVEL TIME TABLES

SURF			
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0	.	0	

RK-QN 05 APR 77

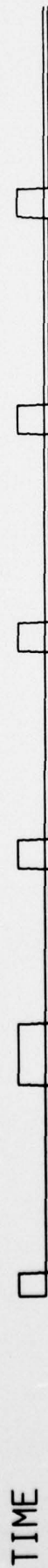
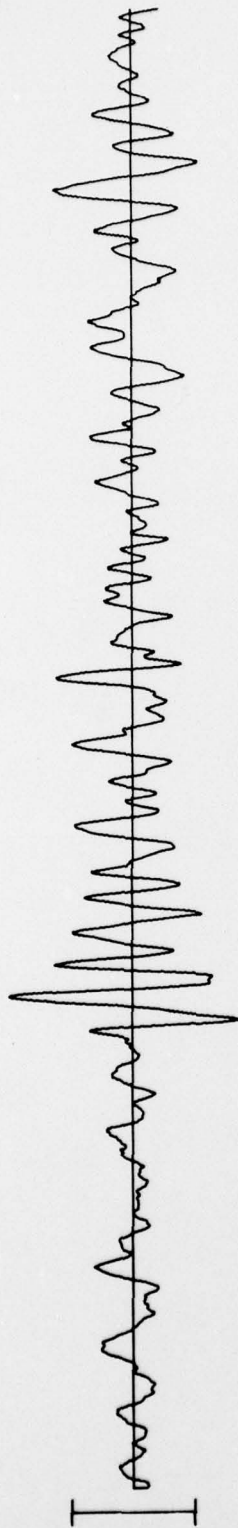
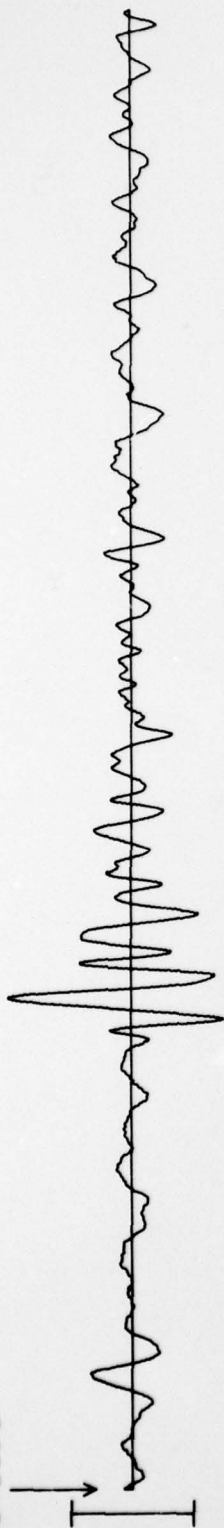
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10 SEC

HN-ME 05 APR 77

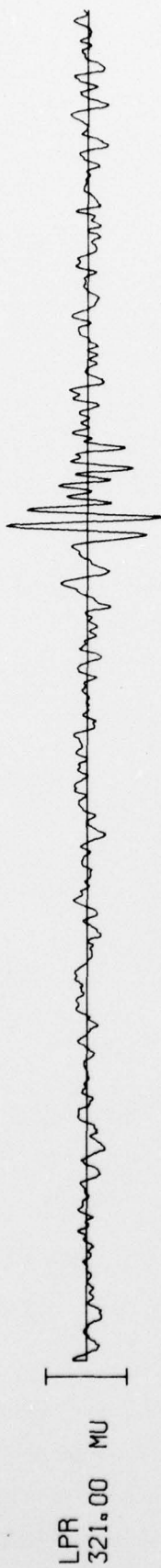
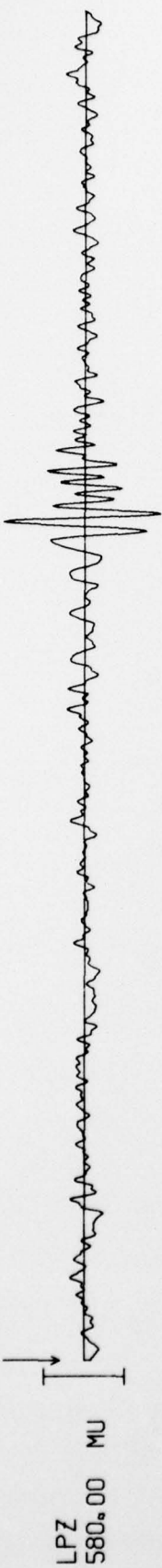
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RK-ON 05 APR 77

15:07:00



120 SEC

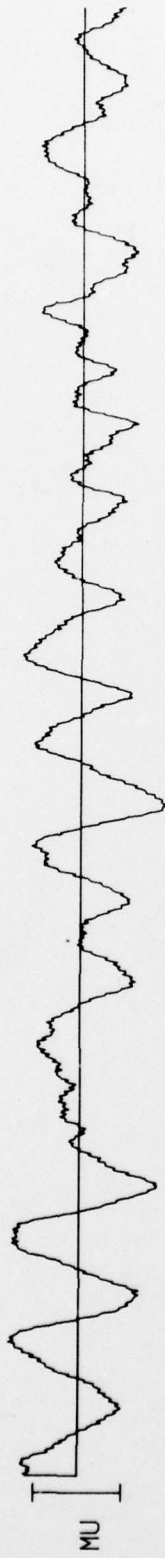
HN-ME 05 APR 77

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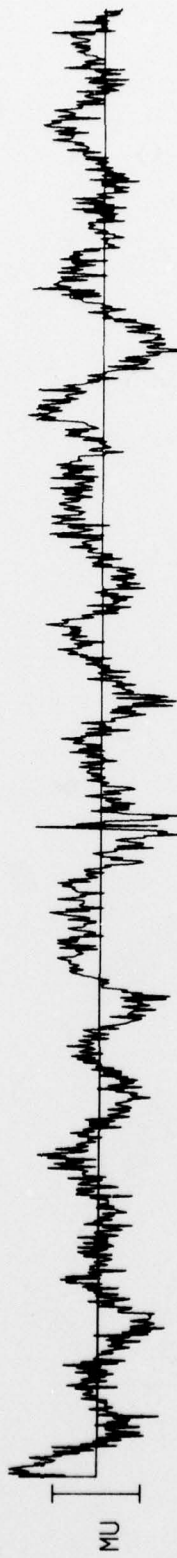
LPZ
128.45



LPR
99.55



LPTLO
138.24



120 SEC